

**BY ORDER OF THE COMMANDER
HEADQUARTERS 377TH AIR BASE WING (AFMC)
KIRTLAND AIR FORCE BASE,
NEW MEXICO 87117-5606**

KAFB INSTRUCTION 91-201

1 AUGUST 1997

Safety

MOVEMENT OF EXPLOSIVES



COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AF Policy Directive 91-2, *Safety Programs*, AF Instruction (AFI) 91-202, *The US Air Force Mishap Prevention Program*, and AF Manual (AFMAN) 91-201, *Explosives Safety Standards*. It establishes responsibilities and procedures for the movement of explosives by motor vehicle on Kirtland Air Force Base (KAFB). It applies to all Department of Defense (DoD), Department of Energy (DOE), Sandia National Laboratories (SNL), Phillips Laboratories (PL), Space and Missile System Center organizations and Field Command Defense Special Weapons Agency (FCDSWA) organizations and contractors involved in the movement of explosives. EXCEPTION: It does not apply to emergency movements or special requirements of the 377th Civil Engineer Group (377 CEG) Explosive Ordnance Division (CED) or DOE Transportation Safeguards Division (TSD) shipments.

SUMMARY OF REVISIONS

This change updates references of DOE Kirtland Area Office TSD to DOE Albuquerque Area TSD; establishes sited truck parking areas for hazard class and division 1.1, 1.2, 1.3, and 1.4; establishes the temporary storage location for commercial shipments requesting SAFE HAVEN/REFUGE and necessitating a download; clarifies transportation routes for TSD vehicles; aligns the use of explosive placards with Title 49, Code of Federal Regulations; eliminates the use of fire symbols while transporting explosives on base; eliminates the need to escort commercial trucks to and from base gates.

1. References.

- 1.1. AF Joint Instruction (AFJI) 24-211 Vol 4, Defense Traffic Management Regulation: Transportation Facility Guide, Air Force.
- 1.2. AFI 31-209, The Air Force Resource Protection Program.

- 1.3. AFI 91-202, The US Air Force Mishap Prevention Program.
- 1.4. AFMAN 91-201, Explosives Safety Standards.
- 1.5. KAFBI 91-202, Weapons Safety Program.
- 1.6. Technical Order (T.O.) 11A-1-46, Fire Fighting Guidance, Transportation and Storage Management Data and Ammunition Complete Round Chart.
- 1.7. Department of Transportation (DOT) Title 49, Code of Federal Regulations (CFR), Transportation.
- 1.8. DOE Manual 440.1-1, DOE Explosives Safety Manual.
- 1.9. DOD Regulation (DoDR) 4500.9 Part II, Defense Transportation Regulation (Cargo Movement).
- 1.10. DoD Manual (DoDM) 5100.76, Physical Security of Sensitive Conventional Arms, Ammunition and Explosives.
- 1.11. DoD Directive (DoDD) 5210.65, Chemical Agent Security Program.

2. Explanation of Terms.

2.1. Armed Guard Surveillance. As a minimum, security risk category 1 ammunition and explosives movements shall be under constant armed guard surveillance with two drivers for each conveyance. Place these movements in the custody of a commissioned officer, senior noncommissioned officer, or DoD civilian of equivalent grade.

2.2. Constant Employee Surveillance. As a minimum, security risk category 2 ammunition and explosives movements shall be under constant employee surveillance with two drivers for each conveyance.

2.3. Constant Surveillance. As a minimum, security risk categories 3 and 4 ammunition and explosives movements shall be under constant surveillance with one driver for each conveyance.

NOTE:

The specific requirements for transportation security for explosives are in DoDM 5100.76.

2.4. Driver . An individual authorized and qualified to operate vehicles loaded with explosives.

2.4.1. DoD drivers and operators of vehicles and equipment will be carefully selected, physically fit, adequately trained and tested in the operation of the type of vehicle or equipment being used and informed of the explosives hazards involved as outlined in AFMAN 91-201. They will also have in their possession an AF Form 483, *Certificate of Competency*, for the vehicle being operated. Training must be documented. Supervisors or managers will give the training with help from unit weapons safety personnel. As a minimum, the training will address vehicle placarding, munitions compatibility while being transported, munitions delivery routes, vehicle inspection, cargo tie-down requirements, vehicle refueling safety requirements and emergency procedures.

2.4.2. DOE and its contractor drivers will be selected and authorized to operate DOE vehicles by DOE policy.

2.5. Explosives . All ammunition, munition fillers, demolition material, solid rocket motors, liquid propellants, cartridges, pyrotechnics, mines, bombs, grenades, warheads of all types, explosive ele-

ments of ejection and aircrew egress systems, air-launched missiles and those explosive components of missile systems and space systems and assembled kits and devices containing explosive materials. Explosives, explosive weight, net weight, and other like terms also refer to the fillers of an explosive item. Fillers may be explosive mixtures, propellants, pyrotechnics, chemical agents and other toxic substances.

NOTE:

This term does not include liquid fuels and oxidizers that are used with missiles, rockets, and other such weapons or explosives items.

2.6. Explosives Hazard Classification . Identifies the hazardous characteristics of explosives items by their assignment of established hazard categories governing storage and transportation. These categories are United Nations Organization (UNO) hazard class and division and Department of Transportation

(DOT) class.

2.6.1. Explosives are hazard classified by their predominant hazard. Treat and store explosives hazard classified as other than hazard class 1 as explosives except when the net explosive weight (NEW) is zero.

2.6.2. Explosives used by United States Air Force (USAF) organizations must have a DoD hazard classification assigned (interim or final). Final hazard classifications for USAF explosives are listed in T.O. 11A-1-46, to include predominant hazard classifications. Interim hazard classifications are applied for a period of one year. Initiate renewal of interim classification prior to expiration.

2.6.3. UNO Hazard Class and Division and Security Risk Categories.

2.6.3.1. Class 1 Division 1 (1.1) Mass-Detonating Explosives. Items in this division are principally blast hazards and may be expected to detonate when a small portion is initiated by any means. Examples: bulk explosives (TNT {trinitrotoluene} and C-4), bombs, demolition charges, detonating cord (primacord), and security risk category 1 or 2 ammunition and explosives.

2.6.3.2. Class 1 Division 2 (1.2) Non-Mass Detonating Fragment Producing Explosive. Items in this division are principally fragmentation and blast hazards. The hazards may be either individual or in combination but do not mass detonate. Examples: 20 millimeter (mm) high explosive incendiary cartridges, bomb fuzes, 40mm high explosive cartridges, and security risk category 2 ammunition and explosives.

2.6.3.3. Class 1 Division 3 (1.3) Mass Fire Explosives. Items in this division burn vigorously and are principally a mass fire hazard. Examples: most rocket motors, pyrotechnic flares and signals, and security risk category 3 ammunition and explosives.

2.6.3.4. Class 1 Division 4 (1.4) Moderate Fire-No Blast Explosives. Items in this division present a minor fire hazard but no blast hazard. There is virtually no fragmentation or toxic hazard beyond the fire hazard clearance zone required for high-risk items. Examples: small arms ammunition without explosives projectiles, riot-control munitions, colored smoke grenades, most impulse cartridges and security risk category 4 ammunition and explosives.

2.6.3.5. Class 1 Division 5 (1.5) Very Insensitive Explosives. Items in this division, although mass detonating, are so insensitive that there is negligible probability of initiation or transition from burning to detonation in storage, and security risk category 4 ammunition and explosives.

2.6.3.6. Class 1 Division 6 (1.6) Extremely Insensitive Detonating Substance (EIDS). Items in this division have demonstrated through test results that the mass and confinement effects of the ammunition case are negligible on the probability of initiation or transition from burning to detonation of the EIDS in transport or storage. Such ammunition when intentionally initiated will be incapable of transferring detonation to another, and security risk category 4 ammunition and explosives.

2.6.3.7. Class 6 Division 1 (6.1). Items in this class and division are toxic chemical agents usually assembled without explosive components or with explosive components that have very small blast or fragmentation hazards. Examples: chloroacetophenone (CN) tear agent, tear gas (CS) capsules, mace dispensers, and security risk category 2 or 4 ammunition and explosives.

2.6.4. Department of Transportation (DOT) Hazard Classification.

2.6.4.1. Effective 1 October 2001 the DOT hazard classification and placarding and labeling requirements change to the UNO hazard class and division system.

2.6.4.2. Irritant (IRR). These items contain irritating material. Munitions in UNO Class 6 Division 1 are transported in commercial vehicles as DOT IRRITANT cargo.

NOTE:

The specific UNO class and division and DOT class for each explosive item in the Air Force inventory are shown in T. O. 11A-1-46. The specific security risk categories for explosives items are contained in DoDM 5100.76.

2.7. Explosives Holding Area . A specific area used to accommodate explosives-laden vehicles before movement to an explosives storage area or to their next destination.

2.8. Explosives Parking Area . Designated areas at authorized entry gates for vehicles loaded with explosives.

2.9. Explosives Storage Area . A designated area of facilities containing explosives for the exclusive storage or warehousing of the bulk of the unit's explosives stocks. Facilities include: igloos, magazines, operating buildings, modules, revetments, and outdoor storage sites.

2.10. Net Explosives Weight (NEW) . The total quantity, expressed in pounds of explosives material or high explosives equivalency in each item or round, used when applying quantity-distance criteria or other explosives safety standards. For example, the total NEW for an explosives-laden vehicle is the sum total of the explosive content of all items or rounds that have been loaded on the vehicle. NEW only applies to explosives items in hazard class 1.

2.11. REFUGE. Emergency assistance provided to Military Traffic Management Command (MTMC) commercial shipments for explosives in hazard class 1.4 or classified shipment.

2.12. SAFE HAVEN. There are two types of SAFE HAVEN:

2.12.1. SAFE HAVEN for DOE shipments is defined in AFI 31-101 Vol 1, *The Air Force Physical Security Program*, paragraph 11.9.3 and AFMAN 32-4004, *Emergency Response Operations*, paragraphs 2.7 and 2.9.

2.12.2. SAFE HAVEN (commercial) for Military Traffic Management Command commercial shipments is defined in DODR 4500.9 Part II, Chapter 205. This definition for SAFE HAVEN (commercial) is for emergency assistance for hazard class/division 1.1, 1.2, and 1.3 commercial shipments of government shipments of explosives.

2.13. Vehicle . For the purpose of this instruction, any device (truck, tractor, trailer, van, etc.) on wheels that is used to carry explosives cargo. Commercial vehicles are those operated by trucking companies authorized to transport explosives. Military vehicles are those registered and controlled by a DoD agency and its authorized or designated contractors (US Air Force, US Army, US Navy, etc.). DOE vehicles are those registered and controlled by DOE and DOE contractors.

2.14. Vehicle Inspection Station . A designated site where all motor vehicles carrying ammunition and explosives will be inspected by an authorized inspector.

3. Responsibilities.

3.1. Kirtland Air Force Base (KAFB) personnel and organizations responsible for receiving, shipping and on-base transportation of explosives cargo will comply with this instruction. Additional guidance governing the movement of explosives can be found in the references listed in paragraph 1.

3.2. KAFB organizations using authorized or designated contractors will notify the Weapons Safety Office (377 ABW/SEW) in writing of the qualifications of the contractors to transport explosives on KAFB and of the duration of the contractual obligations. A point of contact (POC) for the contractors and the responsible contracting agencies will be provided.

3.3. Organizations that receive or ship explosives will notify their carriers of the provisions of this instruction.

3.3.1. DoD organizations will notify the Law Enforcement Desk (LED), 846-7193, of pending shipments or receipts of government bill of lading (GBL) movements at least 24 hours in advance.

3.4. The 377th Security Forces Squadron (SFS) will:

3.4.1. Keep a copy of this instruction at the Law Enforcement Desk (LED) and Security Forces Operations section.

3.4.2. Provide route maps for all commercial vehicles loaded with UNO hazard class and division 1.1, 1.2, 1.3, or 1.4 explosives consigned to or shipped by DoD agencies during the time such vehicles are intransit on KAFB. Require drivers to confirm arrival at the SAFE HAVEN/REFUGE holding area by calling the LED (846-7913) upon arrival.

3.4.3. Provide route maps for commercial vehicles loaded with UNO hazard class and division 1.1, 1.2, 1.3, or 1.4 explosives consigned to or shipped by DOE activities when specifically requested by the DOE Explosives Services Section. Require drivers to confirm arrival at the SAFE HAVEN/REFUGE holding area by calling the LED (846-7913) upon arrival.

3.4.4. Monitor movements for all vehicles loaded with UNO hazard class and division explosives when such vehicles are in-transit on base. Such notifications will be made to the LED desk. 377

SFS will provide escort when available for extremely hazardous cargo and emergency situations only.

3.5. Sandia National Laboratories (SNL) Security will:

3.5.1. Keep a copy of this instruction at the SNL gate house on Eubank Boulevard.

3.5.2. Provide escort vehicles according to DOE and SNL policy.

3.6. The 377th Transportation Squadron (377 LG/LGT) will:

3.6.1. Inspect all commercial vehicles used or to be used to transport shipments of UNO hazard class and division 1.1, 1.2, 1.3 and 1.4 explosives consigned to or shipped by DoD agencies.

3.6.2. Inspect all arriving commercial explosive-laden vehicles for DoD organizations or vehicles requesting SAFE HAVEN/REFUGE for safe loads prior to proceeding to off-load destination or parking in one of the SAFE HAVEN/REFUGE locations.

3.6.3. Inspect all DoD outbound explosives commercial shipments to ensure shipment meets DOT requirements.

3.6.4. Ensure AFJI 24-211 Vol 4 clearly reflects the capabilities of KAFB for both day-to-day and emergency assistance (SAFE HAVEN/REFUGE) operations.

3.6.5. Maintain control of the SAFE HAVEN/REFUGE holding areas.

3.6.6. Ensure proper fire symbols are posted for the hazard class and division of explosives at the parking areas and storage structure. Also ensure the Fire Alarm Communication Center (377 CEG/CEF), 846-8069/8290, is notified of the posted fire symbols or fire symbol changes at the holding areas and storage structure.

3.7. Conventional Weapons (898 MUNS/LGWMO) (750 Area) will maintain storage structure for the temporary off-loading of the SAFE HAVEN/REFUGE explosives.

3.8. Field Command Defense Special Weapons Agency (FCDSWA) , Applied Research Associates (ARA) will inspect all inbound commercial and FCDSWA vehicles loaded with explosives consigned to or shipped by ARA. Inspection of commercial vehicles will be made using Department of Defense (DD) DD Form 626, *Motor Vehicle Inspection (Transporting Hazardous Material)*, furnished by the shipper. Inspection of FCDSWA or military vehicles will be accomplished according to AFMAN 91-201.

3.9. Sandia National Laboratories, Explosives Services Section will inspect all inbound and outbound commercial and DOE vehicles loaded with all classes of explosives consigned to or shipped by SNL or DOE. Inspections will be made according to SNL and DOE policies. Instructions to drivers of vehicles loaded with outgoing shipments of SNL or DOE explosives will also be according to SNL and DOE policies. Inspections of DOE vehicles used to move explosives internally within KAFB will be according to SNL and DOE policies.

3.10. Department of Energy (DOE), Albuquerque Area Office (AL), Transportation Safe-guards Division (TS) is responsible for all TSD-courier shipments of explosives entering, departing or moving on KAFB in DOE vehicles. Make vehicle inspections according to DOE/AL policies.

3.11. DoD-Using Organizations will inspect military vehicles used or to be used to transport all classes of explosives. Vehicles used to move explosives internally will be inspected according to AFMAN

91-201. Military vehicles used to move explosives off base will be inspected using DD Form 626.

4. Procedures for Inbound and Outbound Explosives Shipments During Duty Hours.

4.1. Military Shipments.

4.1.1. Inbound Commercial Vehicles.

4.1.1.1. Drivers transporting explosives cargo (UNO hazard class and division 1.1, 1.2, 1.3, or 1.4) for DoD agencies onto KAFB will enter through the Truman Gate (primary) or Eubank Gate (military)(alternate).

NOTE:

No explosives-laden vehicles are permitted to enter the Carlisle Gate (west side) or Wyoming Gate (east side). However, if a driver of a vehicle loaded with UNO hazard class and division 1.1, 1.2, 1.3, or 1.4 explosives does arrive at any of these gates in error, the driver will be directed to the Truman Gate.

4.1.1.2. Park commercial vehicles in the explosives parking area west of the Truman Gate guard building. The driver will call 377th Transportation Squadron Traffic Management Branch (377 LG/LGTT), telephone 846-1817 or 1808, and advise of the arrival, consignees, UNO hazard class and division of explosives and NEW.

4.1.1.3. Using DD Form 626, LGT will conduct an incoming inspection of the vehicle for safe passage to its delivery destination or to the appropriate SAFE HAVEN/REFUGE holding area.

4.1.1.4. LGT will call the base Fire Alarm Communications Center and give the UNO hazard class and division of explosives if the vehicle is parked at one of the SAFE HAVEN/REFUGE holding areas.

4.1.1.5. The driver will follow the route map and instructions provided by the gate guard to the destination of the consignee or the appropriate SAFE HAVEN/REFUGE holding area. The explosives cargo will be off-loaded as directed by the consignee. The 898 MUNS will provide off-load assistance of explosives cargo, if required by the consignee.

4.1.2. Outbound Commercial Vehicles.

4.1.2.1. All explosives shipments from DoD activities will be tendered only to motor carriers authorized to transport explosives and who comply with DOT and other safety regulations regarding the transportation of explosives.

4.1.2.2. The vehicle will be inspected by LGT personnel for compliance with safety regulations before loading the explosives. DD Form 626 will be used to make the required inspection.

4.1.2.3. When the vehicle is loaded with UNO hazard class and division 1.1, 1.2, 1.3, or 1.4 explosives and ready to proceed off base, LGT will provide the driver route map and instructions to depart through the Truman Gate.

4.2. Field Command Defense Special Weapons Agency, Applied Research Associates (FCD-SWA/ARA) Shipments.

4.2.1. Inbound Commercial Vehicles.

4.2.1.1. Vehicle drivers transporting explosives cargo (UNO hazard class and division 1.1,

1.2, or 1.3) for ARA will enter KAFB through the SNL Gate, located approximately 200 feet south of the Eubank (military) Gate. The SNL Gate is open from 0730 - 1630, Monday through Friday.

NOTE:

No commercial vehicles loaded with UNO hazard class and division 1.1, 1.2, or 1.3 explosives consigned to FCDSWA are permitted to enter the Carlisle Gate, Wyoming Gate, Gibson Gate, or the Eubank (military) Gate. Truman Gate may be used for inbound commercial vehicles arriving after normal duty hours provided prior arrangements to receive the shipment was made with FCDSWA/ARA.

4.2.1.2. The driver will park the vehicle in the explosives parking area by the SNL guard building and the driver or SNL guard will call the Law Enforcement Desk (LED) and FCD-SWA/ARA advising them of the arrival. The person making the call will include the total NEW as listed on the bill of lading.

4.2.1.2.1. ARA personnel will proceed to the gate and inspect the vehicle, driver, and load to ensure safe passage to the 29000 area (FCDSWA storage area). Upon movement completion notify the LED.

4.2.1.3. The driver will follow ARA personnel to the 29000 area using the designated explosives movement route shown on the Explosives Limits and Convoy Routes Map Tab C-1.1A (available from 377th Civil Engineer Group Engineering Division {377 CEG/CEC}).

4.3. Department of Energy (DOE) Shipments.

4.3.1. Inbound Commercial Vehicles (Does not apply to DOE/AL/TSD vehicles).

4.3.1.1. Vehicles transporting explosive cargo (UNO hazard class and division 1.1, 1.2, or 1.3) on KAFB will enter through the SNL Gate, located approximately 200 feet south of the Eubank (military) Gate. The gate is open only from 0730 - 1630, Monday through Friday.

NOTE:

No commercial vehicles loaded with explosives consigned to DOE are permitted to enter the Wyoming Gate, Gibson Gate, Eubank (military) Gate or Carlisle Gate. Truman Gate may be used as an alternate gate.

4.3.1.2. Vehicle driver will park the vehicle in the explosives parking area by the SNL guard building and the driver or the SNL guard will call the SNL Explosives Services Section, 845-3278/3157 and the LED and advise them of the arrival. The person making the call will include the total NEW as listed on the bill of lading.

4.3.1.2.1. Explosives Services Section personnel will proceed to the SNL gate and perform necessary inspections to ensure safe passage of the vehicle to the 26000 area (DOE Storage Area). Explosives Services Section personnel may escort the vehicle or request for an escort from SNL security to escort the vehicle to the 26000 area.

4.3.1.3. The driver will follow the escort vehicle to the area designated by the Explosives Services Section. The escort will ensure vehicles loaded with explosives move only over designated routes (see Explosives Limits and Convoy Routes Map Tab C-1.1A available from 377th Civil Engineer Group Engineering Division {377 CEG/CEC}). Upon arrival at the

vehicle inspection station, the inspection of vehicles transporting explosives will be made according to procedures established by DOE and SNL. Upon movement completion notify the LED.

4.3.1.4. Vehicles transporting less than 1000 pounds UNO hazard class and division 1.4 explosives do not need an escort. However, if the driver has not been furnished a destination for the 1.4 cargo, the driver will call the Explosives Services Section for instructions.

4.3.2. Outbound Commercial Vehicles (Does not apply to DOE/AL/TSD vehicles).

4.3.2.1. Shipments of explosives from DOE and SNL will be tendered only to motor carriers authorized to transport explosives and who comply with DOT and other safety regulations regarding transportation of explosives.

4.3.2.2. Inspections of the vehicle and instructions pertaining to the explosives cargo for the vehicle driver will be according to procedures established by DOE and SNL.

4.3.2.3. When the vehicle is loaded with explosives and ready to proceed off base, the Explosive Services Section will provide a map for the driver to proceed to the SNL Gate using the approved explosives route. Notify LED of initiation and termination of movement.

4.3.3. Inbound DOE Vehicles (Excluding DOE/AL/TSD vehicles).

4.3.3.1. Drivers of DOE vehicles loaded with explosives will enter KAFB only through the Truman Gate or the SNL Gate.

4.3.3.2. Before leaving the gate, the DOE driver will call the base Fire Department Communications Center dispatcher and give the UNO hazard class and division of explosives, NEW and the on-base destination

4.3.3.3. If a DOE driver has not been furnished a destination for the explosives cargo, the driver will park the vehicle in the explosives parking area at the Truman or SNL Gate. The driver will ask for instructions from the Property and Packaging/Transportation Section, 844-4127. After receiving instructions the driver will make the notification required in 4.3.1.2 and then proceed to the destination.

4.3.4. Outbound DOE Vehicles (Excluding DOE/AL/TSD vehicles).

4.3.4.1. All shipments of explosives cargo from DOE or SNL will be loaded only on approved DOE vehicles.

4.3.4.2. Inspection of the vehicle and instructions pertaining to the explosives cargo for the vehicle driver will be according to procedures established by DOE and SNL. The driver will then go off base through the Truman or SNL Gates.

4.3.4.3. Prior to departure of a vehicle loaded with explosives, the Explosives Services Section will call the LED and base Fire Department Communications Center dispatchers and give the loading location of the carrier, UNO hazard class and division of the explosives, NEW, departure gate, and the estimated time of departure. Internal notification will be according to DOE and SNL policy.

4.4. Inbound And Outbound DOE/AL/TSD Vehicles.

4.4.1. All TSD vehicles are authorized to use any gate on Kirtland AFB. The primary gates will be the Eubank Gate (military) during duty hours and the Truman Gate after duty hours.

4.4.2. TSD vehicles will proceed by the most direct route from the loading point to the gate or from the gate to the delivery location.

5. Procedures for Explosives Shipments Arriving After Normal Duty Hours.

5.1. DoD and FCDSWA Shipments.

5.1.1. If vehicles with explosives cargo arrive after normal duty hours (1600 - 0715), on weekends or holidays, security forces guards on duty will tell the driver that formal receipt of the material cannot be accomplished unless prior arrangements have been made with 377 LG/LGTT for DoD shipments or with the Test Safety and Environmental (FCDSWA/FCST), 846-6947, for FCDSWA shipments.

5.2. DOE and SNL Shipments .

5.2.1. If explosives shipments arrive after normal duty hours (1630 - 0800), on weekends or holidays, the gate guard will notify the LED, who will notify DOE or SNL security and advise them of the shipment. If DOE or SNL assumes responsibility for the shipment, the vehicle will be escorted by DOE or SNL security to the appropriate destination.

5.2.2. If DOE or SNL does not assume responsibility for the shipment, the driver must return during normal duty hours.

6. In-Transit Commercial Shipments. (SAFE HAVEN/REFUGE)

6.1. There is an agreement between the US Commerce Department and Department of Defense that when mechanical problems or bad weather occurs, military bases will provide temporary parking of commercial vehicles laden with government explosives, within the base's capability. The procedures in DODR 4500.9 Part II, paragraph 1.9 require drivers to request SAFE HAVEN/REFUGE through the Military Traffic Management Hot Line. Anyone receiving a request should direct the caller to the hot line.

6.2. If such help is requested during duty hours, the following procedures will be followed:

6.2.1. Commercial vehicle drivers needing help will enter the base through the Truman Gate.

6.2.2. MTMC will contact the Kirtland Command Post (KCP), who will initiate the SAFE HAVEN/REFUGE checklist. The driver will tell the desk sergeant the UNO hazard class and division of the explosives and the NEW.

6.2.3. The KCP will relay the above information to the LED. The KCP will then call the base Fire Alarm Communications Center and give the UNO hazard class and division of the explosives, the NEW, and where the truck is being parked.

6.3. LGT will inspect trucks and loads, in accordance with paragraph 4.1.1.3, to ensure they can be provided safe passage to the SAFE HAVEN/REFUGE holding areas. Commercial vehicles requesting SAFE HAVEN (for hazard class and division 1.1, 1.2, 1.3) will be parked at the truck park on the southern end of the Manzano bridge on the west side. Class and division 1.1 laden vehicles will be parked in the northern end of the truck park. An additional truck park is available at the rail head on Pennsylvania Avenue across from the Sandia Skeet Club for SAFE HAVEN parking of class and division 1.3 laden trucks and REFUGE parking of class and division 1.4 laden trucks. At all times, the carrier maintains liability of the load until arrival at the shipment destination.

6.4. If SAFE HAVEN/REFUGE is provided commercial carriers and a download is necessary to accomplish repairs, LGT will escort the vehicle to storage structure 37013 in the Manzano Mountain area and advise the carrier to contact 898 MUNS/LGWMO, 846-2519, if assistance is needed in the off-load and storage of explosives in the building. Upon completion of repairs, the carrier will upload from the storage structure and LGT will inspect the load.

6.5. LGT will apply and remove the appropriate fire symbols to and from the truck parks and storage structures associated with SAFE HAVEN/REFUGE services. LGT will make the appropriate notifications to the Fire Alarm Communications Center when fire symbols are changed.

7. Transportation of Explosives within KAFB.

7.1. Vehicle Inspection.

7.1.1. Vehicles used by DoD organizations and their designated contractors will be inspected according to AFMAN 91-201 before use.

7.1.2. Vehicles used by DOE and its designated contractors will be inspected according to DOE orders before use.

7.2. Vehicles transporting UNO hazard class and division 1.1, 1.2, or 1.3 explosives will move over the explosives movement routes shown on the Explosives Limits and Convoy Routes Map, Base Comprehensive Plan Map - Tab C-1.1A (available from 377 CEG/CEC). Attachment 1 is a local rendition of the map.

EXCEPTION: Movements of munitions or explosives within a munitions storage area or to and from licensed storage facilities are not restricted to designated routes. Such movements will avoid built-up areas to the maximum extent possible.

7.3. DoD organizations transporting UNO hazard class and division 1.1, 1.2, or 1.3 explosives within KAFB must follow the procedures outlined in DoDM 5100.76 and Kirtland AFB Plan 125-37, *Security Instructions*. DOE organizations transporting UNO hazard class and division 1.1, 1.2 or 1.3 explosives within KAFB will provide security according to Atomic Energy Commission (AEC) Title 10 United States Code statutes.

7.4. DoD and its designated contractor organizations will call the base Fire Alarm Communications Center when UNO hazard class and division 1.1, 1.2, or 1.3 explosives are transported over the established explosives routes to or from aircraft or between authorized points on base. Include caller's name, telephone number and organization; present location of explosives; UNO hazard class and division of explosives, NEW, and destination. This information will be entered in the fire department log by the dispatcher. However, fire department assistance will not be requested to cover internal movements unless there is special need and fire protection is considered essential to the safety of the movement.

7.5. Notification of the base Fire Alarm Communication Center for internal movements of explosives by DOE and SNL organizations will be according to policies established by DOE Kirtland Area Office (KAO) and SNL.

7.6. Deliveries of explosives by DOE vehicles to the KAFB aviation contractor will be made to Pad 5, Pad 2, or Pad 3 per KAFBI 11-201, *Hazardous Material/Ordnance Procedures*, or Parking Apron C, as directed by Airfield Management (377 ABW/OT). Make such deliveries over designated explo-

sives movement routes only (see Explosives Limits and Convoy Routes Map Tab C-1.1A available from 377 CEG/CEC)).

8. DOT Placard and Fire Symbol Requirements.

8.1. All commercial, DoD, DOE and designated contractor vehicles transporting explosives will display the applicable DOT placard according to AFMAN 91-201 and DOT Title 49, CFR.

8.2. When vehicles are parked more than 24 hours or at the SAFE HAVEN/REFUGE holding areas, post the approved fire symbols.

8.3. DOE/AL/TSD vehicles involved in the courier shipment or transportation of explosives, safe secure trailers (SSTs) and escort vehicles are exempt from placarding requirements.

9. Emergency Flashers. Escort vehicles will use emergency flashers instead of red lights when escorting vehicles having explosives cargo.

10. Forms Prescribed for DoD Drivers and Shipments.

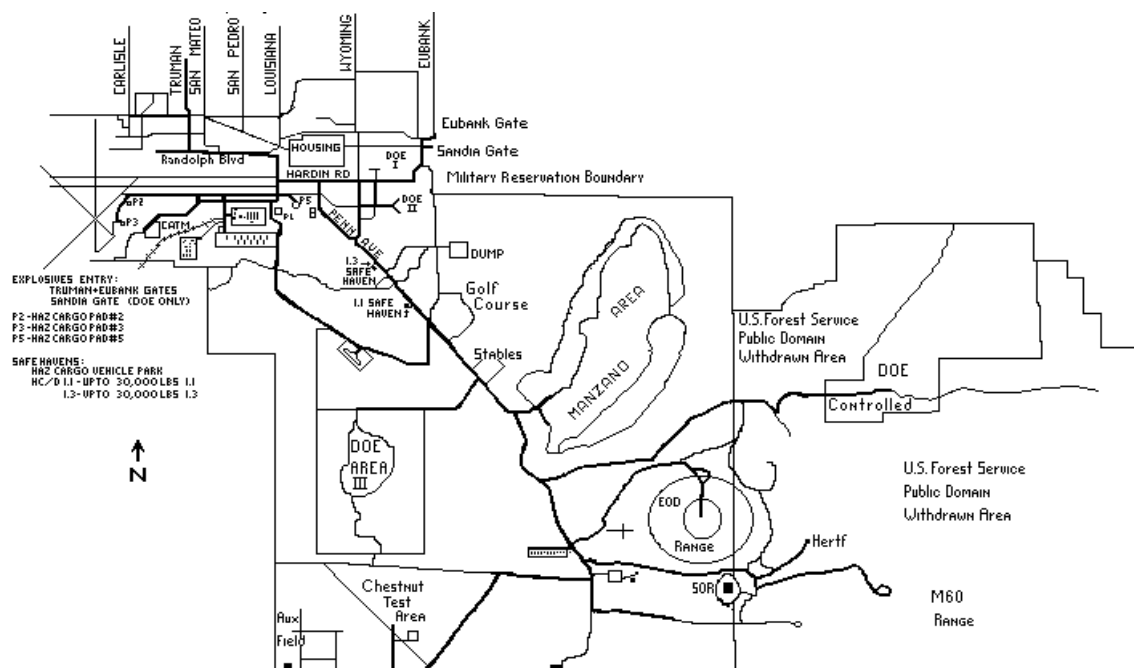
10.1. AF Form 483, Certificate of Competency.

10.2. DD Form 626, Motor Vehicle Inspection (Transporting Hazardous Material).

SYLVIA M. McBERRY
Chief of Safety

Attachment 1

EXPLOSIVES TRANSPORTATION ROUTES



Explosives Transportation Routes